

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"20060062314".pn.	US-PGPUB; USPAT	AND	ON	2008/12/22 14:20
L3	4227	(375/259-260,267,324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB	AND	ON	2008/12/22 14:41
L4	50	OFDM\$4 and (activ\$3 near2 carrier\$2) and (375/259-260,267,324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	OR	OFF	2008/12/22 14:41
L5	1	select\$3 with interleav\$3 with blocks with data and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and ofdm\$1 and (375/259-260,267,324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB	AND	ON	2008/12/22 14:42
L6	3	"802.14"\$ and inter\$1leav\$3 and (375/259-260,267,324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	AND	ON	2008/12/22 14:42
L7	240	nokia.as. (375/259-260,267,324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	AND	ON	2008/12/22 14:42
L8	1	((arto with palin) or (jukka with henriksson)).in. and (375/259-260,267,324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	AND	ON	2008/12/22 14:42
L9	74	((arto with palin) or (jukka with henriksson)).in.	US-PGPUB; USPAT	AND	ON	2008/12/22 14:43
L10	9	((arto with palin) or (jukka with henriksson)).in. and inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/22 14:43

L12	48	nokia.as. (375/259-260,267,324,316,295,260,267,299 or 711/756). ccs. and symbol with inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/22 14:43
S1	1	"20060062314".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/12 19:02
S2	1	("20020193072").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/11 01:53
S3	1	("5307376").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/11 01:53
S4	0	("6256357.pn.").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/12 19:03
S5	1	("6256357").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/12 19:07
S6	4447	symbol with inter\$1le\$1v\$4	US-PGPUB; USPAT	OR	OFF	2007/08/12 19:08
S7	1803	symbol near2 inter\$1le\$1v\$4	US-PGPUB; USPAT	OR	OFF	2007/08/12 19:08
S8	370	(symbol near2 inter\$1le\$1v\$4) and (select\$4 with mode\$3)	US-PGPUB; USPAT	OR	OFF	2008/02/04 03:50
S9	129	(symbol near2 inter\$1le\$1v\$4) and (select\$4 with mode\$3) and OFDM\$4	US-PGPUB; USPAT	OR	OFF	2007/08/12 19:16
S10	160	(symbol near4 inter\$1le\$1v\$4) and (select\$4 with mode\$3) and OFDM\$4	US-PGPUB; USPAT	OR	OFF	2008/02/03 23:42
S11	804	(symbol near4 inter\$1le\$1v\$4) and (select\$4 with mode\$1 or operati\$4) and OFDM\$4	US-PGPUB; USPAT	OR	OFF	2007/08/12 19:20
S12	103	((symbol near4 inter\$1le\$1v\$4) with select\$4) and OFDM\$4	US-PGPUB; USPAT	OR	OFF	2007/08/12 20:10
S13	176	OFDM\$4 and (activ\$3 near2 carrier\$2)	US-PGPUB; USPAT	OR	OFF	2007/08/12 20:41
S14	1	WO-200115365-\$.DID.	JPO; DERWENT	OR	OFF	2007/08/12 20:47

S15	1	WO-200115365-\$.DID.	DERWENT	OR	OFF	2007/08/12 20:47
S16	1	"20060062314".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/12 21:14
S17	1	"6151296".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/12 21:39
S18	1	("6950474").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/12 22:02
S19	3444	mimo	US-PGPUB; USPAT	OR	OFF	2007/08/12 22:02
S20	132	mimo and @ad<"20000101"	US-PGPUB; USPAT	OR	OFF	2007/08/12 22:02
S21	237	dvb\$3 and "8"\$1k	US-PGPUB; USPAT	OR	OFF	2007/08/13 07:19
S22	103	dvb\$3 and "8"\$1k and "4"\$1k	US-PGPUB; USPAT	OR	OFF	2008/02/04 03:51
S23	178	dvb\$3 and "8"\$1k and "2"\$1k	US-PGPUB; USPAT	OR	OFF	2007/08/13 07:20
S24	2948	OFDM and cell	US-PGPUB; USPAT	OR	OFF	2007/08/13 08:19
S25	1454	OFDM and ((cell or cellular) with phone\$2)	US-PGPUB; USPAT	OR	OFF	2007/08/13 08:20
S26	312	OFDM and ((cell or cellular) with phone\$2) and "375".clas.	US-PGPUB; USPAT	OR	OFF	2007/08/13 08:23
S27	0	OFDM same ((cell or cellular) with phone\$2) and @pd<"20010101"	US-PGPUB; USPAT	OR	OFF	2007/08/13 08:23
S28	264	OFDM same ((cell or cellular) with phone\$2)	US-PGPUB; USPAT	OR	OFF	2007/08/13 08:23
S29	1	"2001060934"	JPO	OR	OFF	2007/08/14 05:47

S30	1	"20010033623".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/14 05:49
S31	1	"6785862".pn.	US-PGPUB; USPAT	AND	ON	2008/02/03 22:41
S32	88556	interleav\$3	US-PGPUB; USPAT	AND	ON	2008/02/03 22:50
S33	1	"20030200497".pn.	US-PGPUB; USPAT	OR	OFF	2008/02/03 22:47
S34	62	((arto with palin) or (jukka with henriksson)).in.	US-PGPUB; USPAT	AND	OFF	2008/02/04 03:49
S35	7	((arto with palin) or (jukka with henriksson)).in. and int\$3leav\$3	US-PGPUB; USPAT	AND	OFF	2008/02/04 03:49
S36	2010	(interleav\$3 near symbol\$1)	US-PGPUB; USPAT	AND	ON	2008/02/03 22:50
S37	508	(interleav\$3 near symbol\$1) and selective	US-PGPUB; USPAT	AND	ON	2008/02/03 22:54
S38	318	(interleav\$3 near symbol\$1) and depth	US-PGPUB; USPAT	AND	ON	2008/02/03 22:54
S39	45	(interleav\$3 near symbol\$1) and (depth with select\$8)	US-PGPUB; USPAT	AND	ON	2008/02/03 23:04
S40	1	(interleav\$3 near symbol\$1) and (depth with select\$8) and "20030041293".pn.	US-PGPUB; USPAT	AND	ON	2008/02/03 23:02
S41	0	(interleav\$3 near2 symbol\$1 near2 (partial or half)) and (depth with select\$8) and "20030041293".pn.	US-PGPUB; USPAT	AND	ON	2008/02/03 23:02
S42	0	(interleav\$3 with symbol\$1 with (partial or half or part)) and (depth with select\$8) and "20030041293".pn.	US-PGPUB; USPAT	AND	ON	2008/02/03 23:02
S43	21	(interleav\$3 near symbol\$1) and (depth near3 select\$8)	US-PGPUB; USPAT	AND	ON	2008/02/03 23:04

S44	538	(select\$4 with (inter\$1leav\$3 or intra\$1leav\$3) with mode)	US-PGPUB; USPAT	OR	OFF	2008/02/03 23:44
S45	2	(select\$4 with (inter\$1leav\$3 or intra\$1leav\$3) with mode with depth)	US-PGPUB; USPAT	OR	OFF	2008/02/03 23:44
S46	417	(select\$4 with (inter\$1leav\$3 or intra\$1leav\$3) with mode) and (transmit\$5 or transmiss\$4)	US-PGPUB; USPAT	OR	OFF	2008/02/03 23:48
S47	17	(select\$4 with (inter\$1leav\$3 or intra\$1leav\$3) with different with depth\$1)	US-PGPUB; USPAT	OR	OFF	2008/02/04 00:11
S48	1	"5946357".pn.	US-PGPUB; USPAT	OR	OFF	2008/02/04 00:11
S49	2	"6950474".PN. or "20020044612".pn.	US-PGPUB; USPAT	AND	ON	2008/02/04 03:45
S50	7228	(375/324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	AND	ON	2008/02/04 03:49
S51	1	((arto with palin) or (jukka with henriksson)).in. and int\$3leav\$3 and (375/324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	AND	OFF	2008/02/04 03:49
S52	1	((arto with palin) or (jukka with henriksson)).in. and (375/324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	AND	OFF	2008/02/04 03:50
S53	181	nokia.as. and (375/324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	AND	OFF	2008/02/04 03:50
S54	7577	(symbol near2 inter\$1le\$1v\$4) and (select\$4 with mode\$3) or (375/324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	OR	OFF	2008/02/04 03:50
S55	25	dvb\$3 and "8"\$1k and "4"\$1k and (375/324,316,295,260,267,299 or 711/756).ccls.	US-PGPUB; USPAT	OR	OFF	2008/02/04 03:51
S56	29	ofdm with switching with modes	US-PGPUB; USPAT	AND	ON	2008/05/16 14:02
S57	1	"20060062314".pn.	US-PGPUB; USPAT	AND	ON	2008/06/02 12:26

S58	1	"20060062314".pn.	US-PGPUB; USPAT	AND	ON	2008/06/16 14:11
S59	21	("4K" or "4-k") with OFDM	US-PGPUB; USPAT	AND	ON	2008/06/16 14:19
S60	5	("4K" or "4-k") with OFDM and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/06/16 14:20
S61	12	("4K" or "4-k") with OFDM with mode	US-PGPUB; USPAT	AND	ON	2008/06/16 14:23
S62	1270	OFDM with modes	US-PGPUB; USPAT	AND	ON	2008/06/16 14:36
S63	30	native with (de\$1inter\$1leav\$3 or inter\$1leav\$3)	US-PGPUB; USPAT	AND	ON	2008/06/16 14:38
S64	463	(dvb\$1t or "DVB-T") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	OFF	2008/06/16 14:56
S65	12	(dvb\$1t or "DVB-T") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and native	US-PGPUB; USPAT	AND	OFF	2008/06/16 14:56
S66	0	(dvb\$1t or "DVB-T") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and native with (inter\$1leav \$3 or de\$1inter\$1leav\$3)	US-PGPUB; USPAT	AND	OFF	2008/06/16 15:04
S67	14	(dvb\$1t or "DVB-T") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and ofdm with symbol\$1 with (inter\$1leav\$3 or de\$1inter\$1leav\$3)	US-PGPUB; USPAT	AND	OFF	2008/06/16 15:05
S70	10	(dvb\$1h or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	OFF	2008/06/16 15:07

S71	1	(dvb\$1h or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 15:07
S72	1	(dvb\$1h or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and (inter\$1leav\$3 or de\$1inter\$1leav\$3)	US-PGPUB; USPAT	AND	OFF	2008/06/16 15:08
S73	4	(dvb\$2 or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and (2K same 4K same mode \$1)	US-PGPUB; USPAT	AND	OFF	2008/06/16 15:18
S74	3	(dvb\$2 or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and deep with inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 15:51
S75	0	(dvb\$2 or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and in\$1depth with inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:00
S76	0	(dvb\$2 or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and in\$1depth with de\$1inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:00
S77	0	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and in\$1depth with de\$1inter\$1leav\$3 and ofdm	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:01
S78	169	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and deep with inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:02
S79	17	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and deep with inter\$1leav\$3 and ofdm	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:02

S80	51	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and inter\$1leav\$3 with (multiple or plurality) with symbols and ofdm	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:03
S81	1	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and inter\$1leav\$3 with (multiple or plurality) with symbols and ofdm and "20030152023".pn.	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:29
S86	31	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and inter\$1leav\$3 with (4K or "4-K")	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:45
S87	8	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and (inter\$1leav\$3 or mode\$1) with (4K or "4-K") and (ofdm\$1 or dvb\$2 or dmt)	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:45
S88	12	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and inter\$1leav\$3 near3 (4K or "4-K")	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:48
S89	1	(dvb\$2h or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and (inter\$1leav\$3 or de \$1inter\$1leav\$3)	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:48
S90	10394	nokia.as. or ((arto with palin) or (hukka with henriksson)).in.	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:53
S91	49	((arto with palin) or (hukka with henriksson)).in.	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:53
S92	1	((arto with palin) or (hukka with henriksson)).in. and symbol\$1 with inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:54
S93	3	((arto with palin) or (hukka with henriksson)).in. and inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:54
S94	1	"20060062314".pn.	US-PGPUB; USPAT	AND	OFF	2008/06/16 16:55



S95	147	nokia.as. and symbol\$1 with inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 17:00
S96	55	nokia.as. and symbol\$1 with inter\$1leav\$3 and ofdm\$1	US-PGPUB; USPAT	AND	OFF	2008/06/16 17:01
S97	1	nokia.as. and (2k or 4k) with symbol\$1 with (8k) with inter\$1leav\$3	US-PGPUB; USPAT	AND	OFF	2008/06/16 17:02
S98	10	nokia.as. and symbol\$1 with inter\$1leav\$3 and ofdm\$1 and dvb\$2	US-PGPUB; USPAT	AND	OFF	2008/06/16 17:02
S99	1	(dvb\$2h or "DVB-H") and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and (inter\$1leav\$3 or de\$1inter\$1leav\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	OFF	2008/06/16 17:26
S100	30	native with (de\$1inter\$1leav\$3 or inter\$1leav\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/16 17:27
S102	3	native with (de\$1inter\$1leav\$3 or inter\$1leav\$3) and (ofdm\$1 or dvb\$2 or bst\$1ofdm)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/16 17:28
S103	11	native near3 (de\$1inter\$1leav\$3 or inter\$1leav\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 11:55
S104	2	native near3 (de\$1inter\$1leav\$3 or inter\$1leav\$3) with modulat\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 11:55
S108	1	"7242686".pn. and native and inter\$1leav\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 12:01
S109	9	bst\$1ofdm\$1 and (de\$1inter\$1leav\$3 or inter\$1leav\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 12:09

S110	7	in\$1depth near3 (de\$1inter\$1leav\$3 or inter\$1leav\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 12:50
S111	5	"8"\$1k near3 (de\$1inter\$1leav\$3 or inter\$1leav\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 13:00
S112	9	"8"\$1k with (de\$1inter\$1leav\$3 or inter\$1leav\$3) with ("2"\$1k or "4"\$1k)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 13:01
S113	1	"6442657".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 13:26
S114	1	"20030200497".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:14
S115	625	isdb-t	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:43
S116	627	isdb\$1t	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:43
S117	118	isdb\$1t and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:43
S118	37	isdb\$1t and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and inter\$1leav\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:44
S119	8	isdb\$1t and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and inter\$1leav\$3 and (8k or 2k or 4k)	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:45

S120	1	isdb\$1t and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and intra\$1leav\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:58
S121	2	(@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813") and intra\$1leav\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:58
S122	2	intra\$1leav\$3	US-PGPUB; USPAT; FPRS; EPO; JPO	AND	ON	2008/06/17 14:59
S123	4816	375/259-260,267.ccls.	US-PGPUB; USPAT	AND	ON	2008/06/17 16:26
S124	4816	(375/259-260,267).ccls.	US-PGPUB; USPAT	AND	ON	2008/06/17 16:26
S125	1470	(375/259-260,267).ccls. and inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/06/17 16:27
S126	18	inter\$1leav\$3 near2 (multiple or plurality) with OFDM near2 symbol\$1	US-PGPUB; USPAT	AND	ON	2008/06/17 16:36
S127	10	inter\$1leav\$3 near2 (multiple or plurality) with OFDM near2 symbol\$1 and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/06/17 16:36
S128	1	"20060062314".pn.	US-PGPUB; USPAT	AND	ON	2008/06/17 17:19
S129	9	ofdm with 2K with symbol with bits	US-PGPUB; USPAT	AND	ON	2008/06/17 17:22
S130	2	ofdm\$1 and @pd<"19900101"	US-PGPUB; USPAT	AND	ON	2008/06/17 17:40
S131	10	ofdm\$1 and @pd<"19900101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2008/06/17 17:40

S132	12	ofdm\$1 and (@ad<"19900101" or @prad<"19900101" or @rlad<"19900101" or @pd<"19900101")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	ON	2008/06/17 17:41
S133	12	ofdm\$1 and (@ad<"19900101" or @prad<"19900101" or @rlad<"19900101" or @pd<"19900101")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2008/06/17 17:42
S134	1	orthogonal with frequency with division with multiplexing and @pd<"19900101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	AND	OFF	2008/06/17 17:43
S135	1	orthogonal with frequency with division with multiplexing and @pd<"19900101"	US-PGPUB; USPAT	AND	OFF	2008/06/17 17:44
S136	108	("4881241").URPN.	USPAT	AND	ON	2008/06/17 17:44
S137	1	"3488445".pn.	USPAT	AND	ON	2008/06/17 17:46
S138	27	("3488445").URPN.	USPAT	AND	ON	2008/06/17 17:50
S139	1	"6950474".pn.	US-PGPUB; USPAT	AND	ON	2008/06/17 18:34
S140	1	"20020080887".pn.	US-PGPUB; USPAT	AND	ON	2008/06/20 01:06
S141	2	("20020080887" or "20060193268").pn.	US-PGPUB; USPAT	AND	ON	2008/06/20 01:13
S142	1163	forc\$3 with (inter\$1leav\$3 or inter\$1leav\$3)	US-PGPUB; USPAT	AND	ON	2008/12/19 10:51
S143	47	forc\$3 with (inter\$1leav\$3 or de\$1inter\$1leav\$3) with mode\$1	US-PGPUB; USPAT	AND	ON	2008/12/19 10:52
S144	5	forc\$3 with (inter\$1leav\$3 or de\$1inter\$1leav\$3) with mode\$1 and (ofdm\$1 or dmt)	US-PGPUB; USPAT	AND	ON	2008/12/19 10:52

S145	1491	dvb\$1H	US-PGPUB; USPAT	AND	ON	2008/12/19 10:53
S146	247	dvb\$1H and inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 10:53
S147	1	"20020144294".pn.	US-PGPUB; USPAT	AND	ON	2008/12/19 10:58
S148	1	"6753812".pn.	US-PGPUB; USPAT	AND	ON	2008/12/19 10:58
S149	149762	active with carrier\$1	US-PGPUB; USPAT	AND	ON	2008/12/19 11:10
S150	3	active near2 carrier\$1 with data near (blocks or units)	US-PGPUB; USPAT	AND	ON	2008/12/19 11:11
S151	4	sequencer\$1 with ofdm\$1	US-PGPUB; USPAT	AND	ON	2008/12/19 11:13
S152	21	(jukka with henriksson).in.	US-PGPUB; USPAT	AND	ON	2008/12/19 11:14
S153	24	(jukka with henriksson)	US-PGPUB; USPAT	AND	ON	2008/12/19 11:14
S154	4122	sequenc\$3 same ofdm\$1	US-PGPUB; USPAT	AND	ON	2008/12/19 15:05
S155	326	sequenc\$3 same ofdm\$1 and dvb\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 15:05
S156	97	sequenc\$3 same ofdm\$1 and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 15:08
S157	0	sequencer same ofdm\$1 and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 15:08
S158	3	sequencer same ofdm\$1 and dvb\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 15:08

S159	188	sequencer and dvb\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 15:08
S160	160	sequencer and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 15:08
S161	739	(sequencer or inter\$1leav\$3) and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 15:09
S162	43	sequencer with (data or bit\$1) and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 15:09
S163	54	sequencer with (data or bit\$1 or block\$1) and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 15:09
S164	20	sequencer with (data or bit\$1 or block\$1) and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and (television or TV)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:10
S165	343	inter\$1leav\$3 with (data or bit\$1 or block\$1) and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and (television or TV)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:12
S166	9	inter\$1leav\$3.ab. with (data or bit\$1 or block\$1) and dvb\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and (television or TV)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:12
S167	54	sub\$1frame near2 interleav\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 15:19
S168	1	sub\$1frame near2 interleav\$3 and "20070153838"	US-PGPUB; USPAT	AND	ON	2008/12/19 15:19
S169	340	interleav\$3 with depth with size	US-PGPUB; USPAT	AND	ON	2008/12/19 15:22

S170	65	interleav\$3 with depth with size with bit\$1 with byte\$1	US-PGPUB; USPAT	AND	ON	2008/12/19 15:22
S171	55	interleav\$3 near3 size with ratio	US-PGPUB; USPAT	AND	ON	2008/12/19 15:26
S172	132	interleav\$3 near3 adaptive	US-PGPUB; USPAT	AND	ON	2008/12/19 15:30
S173	40	interleav\$3 near3 (adaptive or dynamic) with (size or ratio)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:31
S174	11	interleav\$3 near3 (adaptive or dynamic) with (size or ratio) with block	US-PGPUB; USPAT	AND	ON	2008/12/19 15:31
S175	1	"6337642".pn.	US-PGPUB; USPAT	AND	ON	2008/12/19 15:47
S176	33941	active near2 carrier\$1	US-PGPUB; USPAT	AND	ON	2008/12/19 15:54
S177	659	active near2 carrier\$1 and (ofdm or dmt)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:54
S178	453	active near2 carrier\$1 and (dmt)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:54
S179	494	active near2 (carrier\$1 or tone\$1) and (dmt)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:54
S180	501	active near2 (carrier\$1 or tone\$1 or sub\$1carrier\$1) and (dmt)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:55
S181	253	active near2 (carrier\$1 or tone\$1 or sub\$1carrier\$1) and (dmt) and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 15:55
S182	18	active near2 (carrier\$1 or tone\$1 or sub\$1carrier\$1) and (dmt) and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 15:56

S183	32	active near2 (carrier\$1 or tone\$1 or sub\$1carrier\$1) and (dmt) and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and (inter\$1leav\$3 or randomiz\$3 or sequencer)	US-PGPUB; USPAT	AND	ON	2008/12/19 15:56
S184	82	active near2 (carrier\$1 or tone\$1 or sub\$1carrier\$1) and (ofdm) and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and (inter\$1leav\$3 or randomiz\$3 or sequencer)	US-PGPUB; USPAT	AND	ON	2008/12/19 16:07
S185	14	Hiperlan\$3 near3 inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 16:23
S186	24	Hiperlan\$3 with inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 16:23
S187	2	selecting with interleaver and 8k same 2k	US-PGPUB; USPAT	AND	ON	2008/12/19 16:26
S188	7	("20010024475"   "20010055297"   "5850415"   "6285681"   "6598200"   "6687315"   "6704366").PN. OR ("7050511").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:35
S189	1	"20020080887".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:37
S190	2	convolutional near byte\$1wise near interleaver	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:38
S191	0	convolutional near3interleaver	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:43
S192	1149	convolutional near3 interleaver	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:43
S193	2010	convolutional near3 interleav\$3	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:44
S194	1362	convolutional near3 interleav\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:44



S195	577	convolutional near3 interleav\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and solomon	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/19 16:44
S196	168	convolutional near2 interleav\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and solomon	US-PGPUB	AND	ON	2008/12/19 16:46
S197	24	convolutional near2 interleav\$3 with depth and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and solomon	US-PGPUB	AND	ON	2008/12/19 16:47
S198	226	select\$3 with interleav\$3 with blocks with data	US-PGPUB	AND	ON	2008/12/19 16:51
S199	76	select\$3 with interleav\$3 with blocks with data and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB	AND	ON	2008/12/19 16:51
S200	10	select\$3 with interleav\$3 with blocks with data and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813") and ofdm\$1	US-PGPUB	AND	ON	2008/12/19 16:51
S201	1	two with symbols with per with inter\$1leaver	US-PGPUB	AND	ON	2008/12/19 17:01
S202	12	two with symbols with per with inter\$1leav\$3	US-PGPUB	AND	ON	2008/12/19 17:02
S203	198	symbol near2 within with inter\$1leav\$3	US-PGPUB	AND	ON	2008/12/19 17:05
S204	120	symbol near2 within near3 inter\$1leav\$3	US-PGPUB	AND	ON	2008/12/19 17:05
S205	33	two with symbols with per with inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 17:05

S206	207	symbol near2 within near3 inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/19 17:05
S207	563	inter\$1leaving with (plurality or multiple) with symbols	US-PGPUB; USPAT	AND	ON	2008/12/19 17:10
S208	15	inter\$1leaving with half near2 symbol	US-PGPUB; USPAT	AND	ON	2008/12/19 17:10
S209	646	inter\$1leaving with two near2 symbols and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 17:16
S210	19	inter\$1leaving with two near2 symbols with time and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 17:17
S211	168	inter\$1leaving with block near2 symbol and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 17:18
S212	7	inter\$1leaving with block near2 symbol with consecutiv\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 17:19
S213	12	inter\$1leaving with block with symbol near3 consecutiv\$3 and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 17:39
S214	8	inter\$1leaving with block near2 two with symbol and (@ad<"20020813" or @pd<"20020813" or @prad<"20020813" or @rlad<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/19 17:43
S215	29	half near symbol with inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/21 17:40
S216	13	sub\$1symbol\$1 near3 inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/21 17:44
S217	18	sub\$1symbol\$1 with inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/21 17:49

S218	297	"802.14"\$	US-PGPUB; USPAT	AND	ON	2008/12/21 18:12
S219	104	"802.14"\$ and inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/21 18:12
S220	5	"802.14"\$ with inter\$1leav\$3 and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 18:13
S221	2619	groups near3 inter\$1leav\$3	US-PGPUB; USPAT	AND	ON	2008/12/21 18:58
S222	254	groups near3 inter\$1leav\$3 with symbol\$1	US-PGPUB; USPAT	AND	ON	2008/12/21 18:58
S223	140	groups near3 inter\$1leav\$3 with symbol\$1 with bit\$1	US-PGPUB; USPAT	AND	ON	2008/12/21 18:58
S224	62	groups near3 inter\$1leav\$3 with symbol\$1 with bit\$1 and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 18:59
S225	4	shuffle\$1 near3 group\$1 with solomon	US-PGPUB; USPAT	AND	ON	2008/12/21 19:11
S226	157	inter\$1leav\$3 with symbol\$1 with bit\$1 with group and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 19:13
S227	20	inter\$1leav\$3 with bit\$1 with multiple near2 symbol\$1 and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 19:13
S228	0	pluarlity near2 inter\$1leav\$3 and ofdm with symbol\$1 with size and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 19:17

S229	6	plurality near2 inter\$1leav\$3 and ofdm with symbol\$1 with size and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 19:17
S230	1	"20060062314".pn.	US-PGPUB; USPAT	AND	ON	2008/12/21 20:00
S231	132	inter\$1leaver\$1 near2 mode	US-PGPUB; USPAT	AND	ON	2008/12/21 20:02
S232	11	inter\$1leaver\$1 near2 mode with (plurality or multiple)	US-PGPUB; USPAT	AND	ON	2008/12/21 20:03
S233	232	different with interleav\$3 with depth	US-PGPUB; USPAT	AND	ON	2008/12/21 20:29
S234	166	different with interleav\$3 with depth and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 20:29
S235	156	different with interleav\$3 near2 depth and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 20:29
S236	291	symbol near3 interleav\$3 with select\$3 and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 20:42
S237	54	symbol near2 interleavers with select\$3 and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 20:42
S238	37	(adaptive or \$3configurable) with symbol with inter\$1leav\$3 and (@ad<"20020813" or @prad<"20020813" or @rlad<"20020813" or @pd<"20020813")	US-PGPUB; USPAT	AND	ON	2008/12/21 20:45
S239	1	"20020131482".pn.	US-PGPUB; USPAT	OR	OFF	2008/12/21 21:48

12/ 22/ 2008 2:46:33 PM

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